



## **JOB OPPORTUNITY**

**DEVCOM Army Research Laboratory (ARL)  
Sensors and Electron Devices Directorate, Adelphi, MD  
Energy Sciences Division  
DB-05, Supervisor Interdisciplinary**

**OPENS: 23 March 2021 CLOSSES: 6 April 2021**

### **ABOUT THE POSITION:**

The Sensors and Electron Devices Directorate (SEDD) is accepting applications for the Chief, Energy Sciences Division position. The selected candidate will provide strategic programmatic and technical direction in foundational research that supports Army relevant outcomes. The Candidate will lead the Competency that advances technologies in the areas of power generation; energy conversion; energy storage; directed energy applications; electro-optical protection materials; and research in the generation, distribution, conditioning, and conversion of electrical power for platform capabilities. The selected candidate will supervise a highly educated and diverse workforce with subject matter expertise in the areas of laser materials, optical materials, power architectures, power conditioning, nuclear physics, catalysis, and electrochemistry. The selected candidate will provide technical expertise to Army Senior Leaders and other Government agencies regarding the “art of the possible” and real-world practicality related to batteries, compact Soldier power, platform and mission power, and laser directed energy in Army relevant environments.

The Candidate also serves as the ARL Intramural Energy Sciences Competency Lead, the Army's senior non-SES lead for this foundational research competency, responsible for mid-term and long-term Army modernization and providing the Army's foundational expertise to address Army unique modernization challenges within the future operational environment. The Energy Sciences Division Chief shall support ARL and Army priority programs to execute tasks required to operationalize science for transformational overmatch, develop new opportunities, create and build new efforts, facilitate and expedite technology transition to appropriate partners, and advise on future operational concepts. The Chief, Energy Sciences Division interacts with senior Department of Defense executives and must be able to communicate effectively with leaders across government, industry, and academia.

### **POSITION INFORMATION:**

- \* This is a federal civilian employment opportunity open to U.S. citizens.
- \* Grade and Salary: DB-05 (above GS15 equivalent);  
salary range: \$172,953 – \$183,300.
- \* A supervisory position.
- \* An interdisciplinary position; open to series 0801 (General Engineering),  
1301 (Physical Scientist), 0855 (Electronics Engineer), 1320 (Chemist) and 893



(Chemical Engineer)

- \* Must qualify for a Secret security clearance.
- \* This position requires the incumbent to submit a Public Financial Disclosure Report (OGE 278) upon entry, and annually thereafter.
- \* DB-05 positions are not eligible for supervisory differential.
- \* Employees may be required to serve a probationary/trial period.

**EDUCATION/QUALIFICATIONS:**

\* Applicants must meet specific educational requirements, as established by OPM (Office of Personnel Management). Education above the high school level must have been completed in a U.S. college, university, or other educational institution that has been accredited by one of the accrediting agencies or associations recognized by the Secretary, U.S. Department of Education. Minimum of bachelor's degree in scientific or engineering field (advanced degree preferred).

PLEASE NOTE - FOREIGN EDUCATION: If you are using education completed in foreign colleges or universities to meet the qualification requirements, you must show the education credentials have been evaluated by a private organization that specializes in interpretation of foreign education programs and such education has been deemed equivalent to that gained in an accredited U.S. education program; or full credit has been given for the courses at a U.S. accredited college or university. For further information, visit: <http://www.ed.gov/about/offices/list/ous/international/usnei/us/edlite-visitus-forrecog.html>.

**AREA OF CONSIDERATION:**

- Position is open to U.S. Citizens and current Permanent or Term employees in the Federal Government at the DB-04 or equivalent level (GS14/GS15) and DB-05 or equivalent level (above GS15)
- This high-level senior management position is up to five years in duration (i.e. temporary, not-to-exceed five years). The assignment may be renewed/extended in five year increments at management's discretion.
- Current ARL Employees Only: An employee selected at the DB-04 or equivalent level (i.e., GS 14 to GS 15) would be temporarily promoted to the DB-05 (above GS 15) level for up to five years. At the end of the five years, the employee would be placed in another position within ARL at the DB-04 equivalent level, unless renewed or extended per management's discretion. An employee selected at the DB-05 or equivalent level (above GS 15), and dependent upon current status, would be temporarily reassigned to the DB-05 (above GS-15) level for up to five years.
- Non-ARL Government Employees Only: Any non-ARL Government employee selected will first be hired as a permanent non-supervisory employee at the DB-04 level (GS 14 to GS 15) via STRL flexibilities including both DB-04 and DB-05 equivalent employees. Immediately thereafter the employee would be temporarily promoted to the DB-05 (above GS 15) level for up to five years. At the end of the five years, the employee



would be placed in another position within ARL at the DB-04 equivalent level, unless renewed or extended per management's discretion.

- The position will be filled as a Time-Limited Temporary appointment.

- Non-status applicants will be hired into the Federal Service under provisions of Direct Hiring Authority (DHA) and will receive a permanent non-supervisory DB-04 appointment. Immediately thereafter the employee will be temporarily promoted to the DB-05 level not to exceed five years. At the end of the five years, the employee would be placed in another position within ARL at the DB-04 equivalent level, unless renewed or extended per management's discretion.

### ***DUTIES OF THE POSITION:***

The Chief, Energy Sciences Division is a nationally and/or internationally recognized authority and leader in the areas noted above which is of widespread interest both within and outside of the Department of Army. Additionally, the incumbent serves as the ARL's senior scientific professional for the conduct of intramural foundational research in the Energy sciences and associated disciplines. The incumbent must also have the skills and temperament to serve effectively as a key member of the SEDD senior management team, working with the SEDD Director and other ARL and DoD leadership on interdisciplinary activities.

The Chief of the Energy Sciences Division is responsible for driving the intramural research agenda related to the Energy Science competency and how it affects future Army capability and readiness. The incumbent, in concert with the leadership team, develops and manages high risk, high-payoff, innovative foundational research programs that take into account current technology deficiencies and impact on future force requirements. Actions, recommendations and decisions of the incumbent strongly influence the direction of research programs and basic research policies, have an immediate impact on the scope of research activities at the national level, and affect long-range strategic planning for the Army related to energy science.

The incumbent participates in developing Directorate policies and objectives. Develops, defends and executes a multi-million dollar budget, including both in-house resources and out-of-house customer efforts to include contractor, university, other government agencies, and private sector associates. Manages, supervises and oversees a large work force that is typically divided into four or more subordinate elements over which the incumbent serves as a second-line supervisor. Carries out the full range of both supervisory and managerial tasks expected of supervisors at these levels. Majority of the subordinate workforce have themselves been recognized for the significance of their scientific and technical contributions, with a smaller subset of the workforce regarded as national or international experts in their specific fields.

The incumbent analyzes current and future requirements in the Energy Sciences and associated disciplines and the expected impact of scientific progress, and integrates these projections into the establishment of program priorities and strategies. Develops



long-range objectives and goals in light of assessments of current deficiencies, potential improvements in technology, and available resources.

## **WE ARE SEEKING SKILLS/DEMONSTRATED EVIDENCE OF:**

### **Strategic Vision**

Ability to bring about strategic change, within and outside the organization, to meet organizational goals. Includes the ability to establish an organizational vision and to implement it in a continuously changing environment.

### **Leadership, Direction, Representation**

Ability to lead people toward meeting the organization's vision, mission, and goals. Includes the ability to provide an inclusive workplace that fosters the development of others, facilitates cooperation and teamwork, and supports constructive resolution of conflicts. Ability to provide innovative and transformative leadership of people, reflective of Army organizational values. Ability to serve effectively as a member of senior management team, helping to develop consensus both within and across the organization on policy, plans, and technical direction.

Ability to manage scientific and administrative professionals; ability to manage human, financial, and facility resources strategically.

Ability to communicate policy and strategic plans to the external community, including the public, Congress, industry, and colleagues in other disciplines.

Ability to meet organizational goals and customer expectations. Includes the ability to make decisions that produce high-quality results by applying technical knowledge, analyzing problems, and calculating risks.

### **Commitment**

Commitment to the goals of AFC, DEVCOM, and ARL organizational strategic plans and campaigns, and to the strategies for achieving these goals through developing intellectual capital, integrating research, embracing outreach, and promoting partnerships. Demonstrated ability to conceptualize the role of Energy sciences in achieving those goals.

Commitment to the appointment and development of a highly qualified staff that reflects the diversity of our nation and to the equitable representation of underrepresented groups and institutions in all activities.

### **Credibility within Research and Education Community**

Substantial research contributions and experience in academic, government and/or private national research and education endeavors as evidenced in publications, innovative leadership in research administration and/or professional leadership awards.



Ability to build coalitions internally and with other Federal agencies, academia, and private sector organizations, or international organizations to achieve common goals.

Demonstrated commitment to scholarship and significant scientific contributions to fields related to energy science or associated disciplines.

Broad understanding of universities and other institutions where research and education in academic disciplines in support of energy science and engineering are conducted.

### **HOW TO APPLY:**

Please send your applications before midnight, **Tuesday, April 6, 2021**.

Submit an application by CV or resume; cover letter is optional.

Resume or CV **must** include the following to be considered:

- 1) Full Name
- 2) Applicant's contact information (email address and telephone number)
- 3) Organization/Current Employer
- 4) Current series, grade (if current federal employee)
- 5) Dates of employment (Month/Year-Month/Year) for each work experience  
NOTE: work experience should specifically address the duties of the position and/or the skills/demonstrated experience described in this notice.
- 6) Education (Degree Type; Major field/Discipline; institution, and year granted)
- 7) Brief statement addressing applicant's qualifications and interest
- 8) Three references

**DO NOT INCLUDE SOCIAL SECURITY NUMBER, DATE/PLACE OF BIRTH, ON YOUR RESUME.**

Applicants should submit their application to this email address:

[apply2arl@arl.army.mil](mailto:apply2arl@arl.army.mil) AND Austin Leonard, Austin.r.leonard.civ@mail.mil, **NLT 6 April 2021**.

**Use this in the subject line of your email: Application for Chief, Energy Sciences Division, Sensors and Electron Devices Directorate**

### **EQUAL EMPLOYMENT OPPORTUNITY**

We welcome applications from any sector, including academia, industry, and government. All qualified candidates will receive consideration without regard to race, color, religion, sex, national origin, age, disability, marital status, political affiliation, sexual orientation, or any other non-merit factor. The Department of Defense is an equal opportunity employer committed to engaging a highly qualified staff that reflects the diversity of our Nation.



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